SEQUENCE LISTING

<110>	Sokawa, Yoshihiro Liu, Chih-Ping	
<120>	Method of treatment using interferon-tau	
<130>	55600-8013.US02	
<140> <141>	US 10/578,123 2006-05-01	
<150> <151>	PCT/US04/035804 2004-10-27	
<150> <151>	US 10/719,472 2003-11-21	
<150> <151>	US 10/698,927 2003-10-31	
<160>	4	
<170>	PatentIn version 3.1	
<210> <211> <212> <213>	1 516 DNA Ovis aries	
<400> tgctac	1 ctgt cgcgaaaact gatgctggac gctcgagaaa atttaaaact g	ctggaccgt 60
atgaat	cgat tgtctccgca cagctgcctg caagaccgga aagacttcgg t	ctgccgcag 120
gaaatg	gttg aaggtgacca actgcaaaaa gaccaagctt tcccggtact g	tatgaaatg 180
ctgcag	cagt ctttcaacct gttctacact gaacattctt cggccgcttg g	gacactact 240
cttcta	gaac aactgtgcac tggtctgcaa cagcaactgg accatctgga c	acttgccgt 300
ggccag	gtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat c	gttactgtt 360
aaaaaa	tatt tccagggtat ctacgactac ctgcaggaaa aaggttactc t	gactgcgct 420
tgggaa	atcg tacgcgttga aatgatgcgg gccctgactg tgtcgactac t	ctgcaaaaa 480
cggtta	acta aaatgggtgg tgacctgaat tctccg	516
<210><211><211><212><213>	2 172 PRT Ovis aries	
<400>	2	
Cys Ty 1	r Leu Ser Arg Lys Leu Met Leu Asp Ala Arg Glu Asn 5 10	Leu Lys 15

Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp

20 25 30

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu 35 40 45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser 50 60

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr 65 70 75 80

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu 85 90 95

Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly 100 105 110

Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr 115 120 125

Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val 130 135 140

Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys 145 150 155 160

Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro

<210> 3

<211> 172

<212> PRT

<213> Artificial

·2205

<223> recombinant IFNtau based on Ovis aries sequence

<400> 3

Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys $5 \hspace{1.5cm} 10 \hspace{1.5cm} 15$

Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp 20 25 30

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu 35 40 45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser

50 55 60

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr 65 70 75 80			
Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu 85 90 95			
Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly 100 105 110			
Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr 115 120 125			
Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val 130 135 140			
Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys 145 150 155 160			
Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro 165 170			
<210> 4 <211> 516 <212> DNA <213> Artificial			
<220>			
<400> 4 tgctacctgt cggagcgact gatgctggac gctcgagaaa atttaaaact gctggaccgt	60		
atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgccgcag	120		
gaaatggttg aaggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg	180		
ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact	240		
cttctagaac aactgtgcac tggtctgcaa cagcaactgg accatctgga cacttgccgt	300		
ggccaagtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactgtt	360		
aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgct	420		
tgggaaatcg tacgcgttga aatgatgcgg gccctgactg tgtcgactac tctgcaaaaa	480		
cggttaacta aaatgggtgg tgacctgaat tctccg	516		